



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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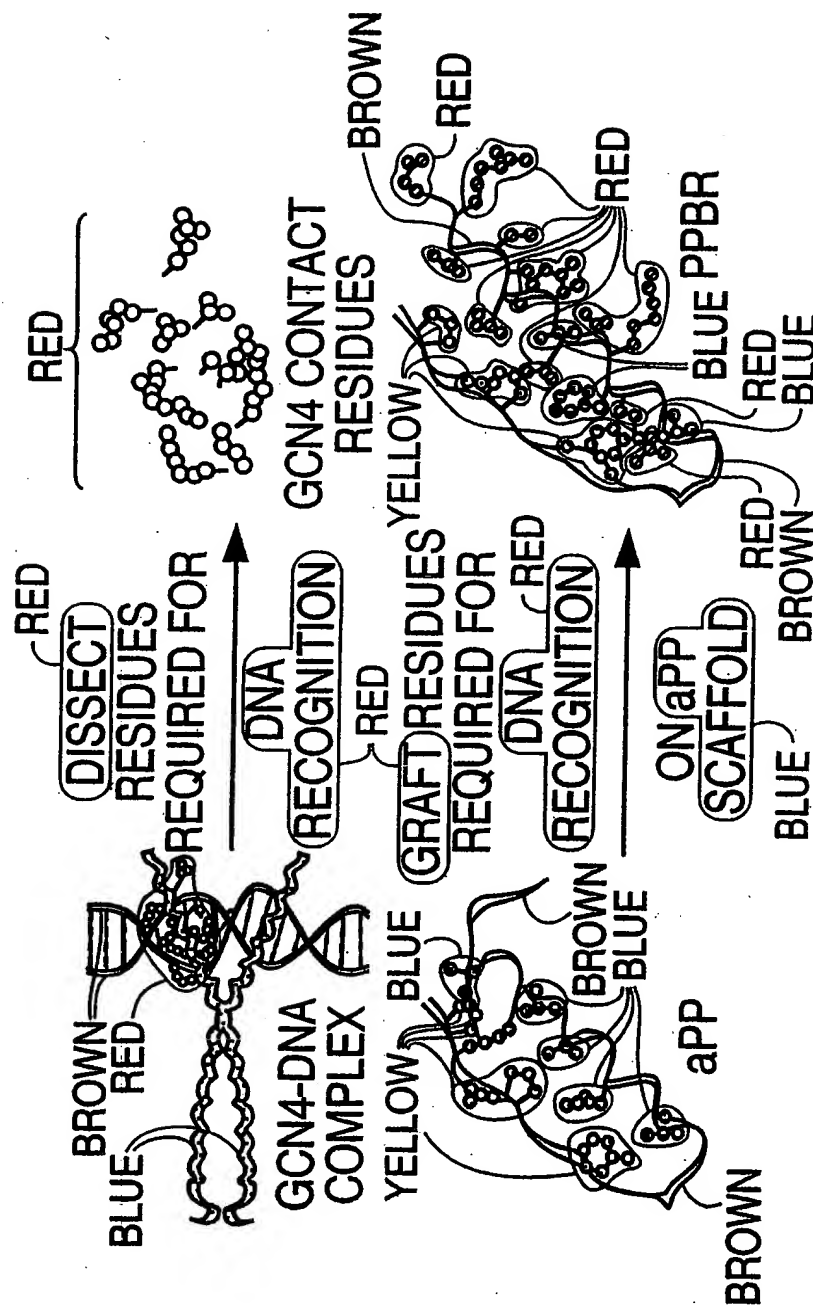
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FIG. 1





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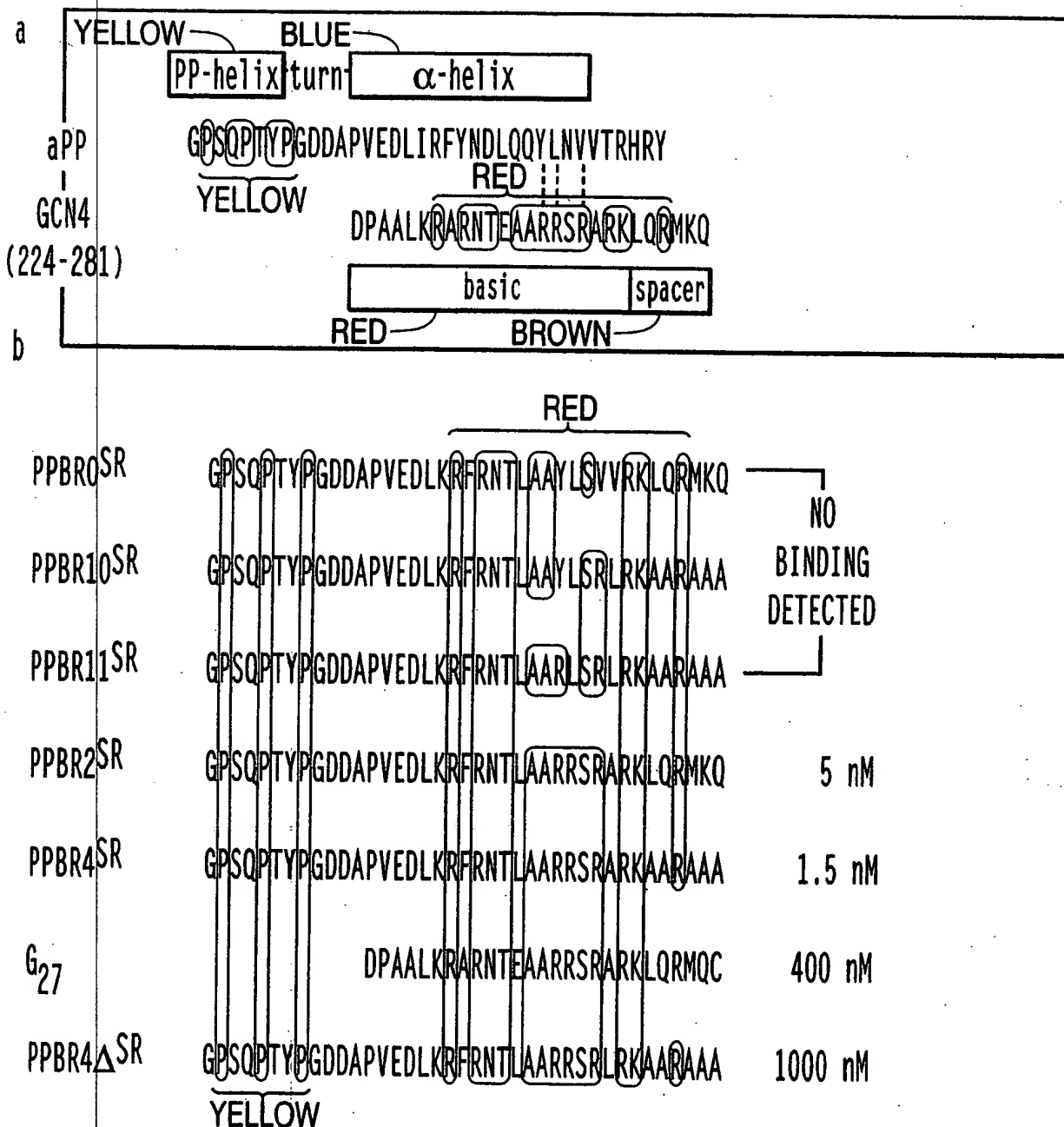
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	O.G. FIG.	

FIG. 2





O.G. FIG.	SUBCLASS
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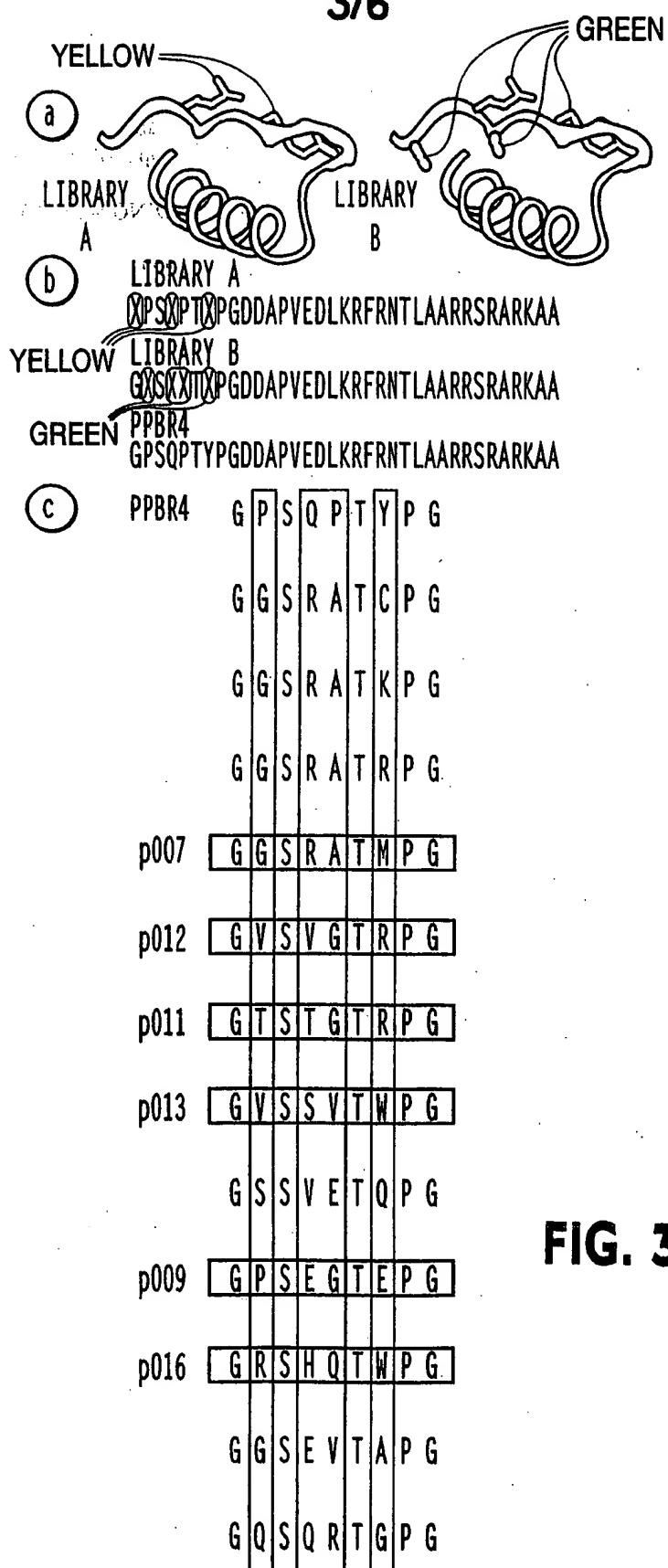
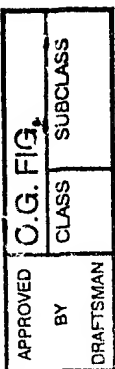


FIG. 3



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FIG. 4

	F	V	X	R	L	L	X	Y	I	X	D	X	I	N	R	#	Kd (nM)
BakLIB (20-36)																	
4100	F	V	G	R	L	L	R	Y	E	G	D	E	I	N	R	6	401
4101	F	V	G	R	L	L	A	Y	E	G	D	D	I	N	R	2	811
4099	F	V	G	R	L	L	A	Y	E	G	D	T	I	N	R	3	352
4102	F	V	S	R	L	-	R	Y	I	A	D	L	I	N	R	2	3700
	F	V	R	R	L	L	G	Y	I	D	D	I	I	N	R	1	
	F	V	L	R	L	L	W	Y	I	P	D	G	I	N	R	1	
	F	V	R	R	L	L	V	Y	I	W	D	D	I	N	R	1	

The diagram shows color-coded mutations relative to the BakLIB sequence (FVXRL LX Y I X D X I N R). The colors are defined as follows:

- RED**: Mutations at positions 3 (X to G), 7 (L to R), 9 (I to E), 11 (D to T), and 13 (I to D).
- BLUE**: Mutation at position 12 (X to L).
- LIGHT BLUE**: Mutation at position 8 (Y to A).



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FIG. 5

	PP-helix	turn	α -helix	
	1	8	17 2022 26 29	
aPP	G	SQ	TY	GDDAPVEDLIRFYDNLQQYLNVV
				K_d (nM)
p53AD				ETFSDLWKLLP
				261
LIBRARY #1	G	SQ	TY	GDDAPVEDLIRFXFXLWYLLXX
				-----LIRFQFTLCWYLLWT
p3254				-----LIRFQFALRWYLLPM
				-----LIRFQFSLSWYLLWG
p3255				-----LIRFQFGLGWYLLAM
				-----LIRFQFTLRWYLLVT
p3548				-----LIRFQFPLRWYLLWA
				-----LIRFQFWLNWYLLWY
p3559				-----LIRFKFLLQWYLLAL
				-----LIRFRFPLRWYLLAL
				-----LIRFRFQLGWYLLWF
				-----LIRFSFALQWYLLTR
p3527				-----LIRFSFALQWYLLGE
				546



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FIG. 6

